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Did you mean: [invalid MAC address switch OR VLAN authentication](#)

[System and method for controlled access to shared-medium public and semi-public internet protocol \(... - all 3 versions »](#)

LC Massarani - US Patent 6,393,484, 2002 - [freepatentsonline.com](#)

... If the **MAC address** is **invalid**, that is, not ... or command interface to the end router/**switch** that is ... selected IP **address** and the end user's device **MAC address**. ...

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[Enhanced intranet management in a DHCP-enabled environment - all 7 versions »](#)

JH Wang, TL Lee - Computer Software and Applications Conference, 2002. COMPSAC ..., 2002 - [ieeexplore.ieee.org](#)

... when trusted host A tries to send packets using the same IP **address** as trusted host B, layer 2 **switch** will not notice **invalid** packets from (**MAC** ...

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[Biometric authenticated vlan - all 3 versions »](#)

M Kuwata, K Okamura, T Oasa - EP Patent 1,244,273, 2002 - [freepatentsonline.com](#)

... to establish an **authentication** session using a known **address** of the ... A **MAC**-based flow is contemplated ... a login valid message or a login **invalid** message, received ...

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[Authenticated Ad Hoc Routing at the Link Layer for Mobile Systems - all 13 versions »](#)

J Binkley, W Trost - Wireless Networks, 2001 - Springer

... The user may then **switch** to ARP mode if necessary ... exist (such as **authentication** failures due to **invalid** keys ... by making other nodes bind its **MAC address** to the ...

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[An Access Control Architecture for Microcellular Wireless IPv6 Networks - all 10 versions »](#)

S Schmid, J Finney, M Wu, A Friday, AC Scott, WD ... - Proceedings of 26th Annual IEEE Conference on Local Computer ..., 2001 - [doi.ieeecomputersociety.org](#)

... users who repeatedly send packets with **invalid** IP addresses ... To prevent **MAC address** spoofing and replay attacks based ... ie, packet type, source **address**, data rate ...

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[Wireless intrusion detection and response - all 13 versions »](#)

YX Lim, TS Yee, J Levine, HL Owen - Information Assurance Workshop, 2003. IEEE Systems, Man and ..., 2003 - [ieeexplore.ieee.org](#)

... or APs would respond to the **invalid** frames and ... a valid user with an unregistered **MAC address** or an ... Instead, it had to **switch** frequently between channels to ...

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[A wireless public access infrastructure for supporting mobile context-aware IPv6 applications - all 3 versions »](#)

A Friday, M Wu, S Schmid, J Finney, K Cheverst, N ... - Proceedings of the first workshop on Wireless mobile ..., 2001 - [portal.acm.org](#)

... similar to the remote configurable **VLAN switch** of CMU ... **Invalid** or Expired •

Credentials/Cell based Access ... **MAC Address** Snoring/ Rapid cycling of **MAC** addresses ...

[Cited by 8](#) - [Related Articles](#) - [Web Search](#)

[An analysis of Bluetooth security vulnerabilities - all 2 versions »](#)

CT Hager, SF Midkiff - Wireless Communications and Networking, 2003. WCNC 2003. ..., 2003 - [ieeexplore.ieee.org](#)

... validation identified by Lough [2]. • The **MAC address** of IEEE ... is not properly validated, thus, **address** spoofing is ... The fourth state is an **invalid** state and ...

[Cited by 17](#) - [Related Articles](#) - [Web Search](#)

[S-ARP: a secure **address** resolution protocol - all 8 versions »](#)

D Bruschi, A Ornaghi, E Rosti - Computer Security Applications Conference, 2003. Proceedings ..., 2003 - [ieeexplore.ieee.org](#)

... between those two hosts, without the **switch** realiz- ing it ... the cache, the reply is considered **invalid** and is ... reply from victim 192.168.0.1 with **MAC address** 01:01 ...

[Cited by 18](#) - [Related Articles](#) - [Web Search](#)

[DoS and authentication in wireless public access networks - all 17 versions »](#)

DB Faria, DR Cheriton - Proceedings of the ACM workshop on Wireless security, 2002 - [portal.acm.org](#)

... less network given the **invalid** assumption made ... providing confidential- ity, sender **authentication**, integrity, and ... with the client's **MAC address** as destination ...

[Cited by 42](#) - [Related Articles](#) - [Web Search](#)

Key authors: [A Friday](#) - [S Schmid](#) - [J Finney](#) - [M Wu](#) - [N Beser](#)

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[PDF] ► Using **policies** for effective network management

M Wright - Int. J. Network Mgmt, 1999 - fsktm.upm.edu.my

... IP multicast **VLANS** can be used for teleconferencing ... The above **policies** for governing networks can be ... two categories: traffic-driven methods (**MAC**, IP, protocol ...

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An access **control** architecture for microcellular wireless IPv6 networks- ► lancs.ac.uk (PDF)

S Schmid, J Finney, M Wu, A Friday, AC ... - CONFERENCE ON LOCAL COMPUTER NETWORKS, 2001 - doi.ieeeecomputersociety.org

... of user accounts and access **policies**, a comprehensive ... To prevent **MAC address** spoofing and replay attacks based on ... on a remote configurable **VLAN** switch, Berkeley ...

Cited by 13 - Related articles - BL Direct - All 15 versions

OpenFlow: Enabling innovation in campus networks- ► tu-berlin.de (PDF)

N McKeown, T Anderson, H Balakrishnan, G ... - 2008 - portal.acm.org

... an extension to Ethane in which a **policy** dictates that ... originating from specific switch ports or **MAC** addresses) is ... via an action) with the appropriate **VLAN** ID. ...

Cited by 31 - Related articles - BL Direct - All 9 versions

[PDF] ► The CHOICE network—broadband wireless Internet access in public places

P Bahl, A Balachandran, S Venkatachary - Microsoft Research, 2000 - research.microsoft.com

... 98, Windows CE, and several versions of **MAC** OS. ... of supporting roaming users whose IP **address** changes frequently ... then maintains an entry in its **policy** table that ...

Cited by 17 - Related articles - View as HTML - All 5 versions

[PDF] ► Part 2

PBC Layer - Ethernet Service Specific Convergence Sublayer - doc.ethz.ch

... Sometimes called a "Router" (!) – Ethernet, **VLANS**, IP, etc. ... Routing: RIP, OSPF, BGP, – **Policy** routing – Etc ... no need for explicit **MAC** addressing – eg ...

Cited by 4 - Related articles - View as HTML

Deterministic user **authentication** service for communication network

ME See, JW Bailey, CL Panza, Y Pikover, GC ... - US Patent App. 10/958,620, 2004 - Google Patents

... Furthermore, current networking equipment and **policy**-based **VLANS** ... is a list of one or more **VLANS**. ... IP **address** or a reserved media access **control (MAC) address**. ...

Cited by 21 - Related articles - All 4 versions

Technique for automatic remote media access **control (MAC)** layer **address** resolution

WJ Nelson - US Patent 6,292,838, 2001 - Google Patents

... **MAC address**-based, virtual local area networks (**VLANS**). ... request is processed through the **policy** management system ... tracker server determines a **MAC** layer **address** ...

Cited by 4 - Related articles - All 4 versions

[PDF] ► Stateful inspection firewalls

C Roeckl, CM Director - Juniper Networks White Paper, 2004 - abchost.sk

... industry standard 802.1q **VLAN** technology. ... between networks, enforcing each network's access **control policy**. ... **MAC Address** — Link layer addresses that uniquely ...

[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [All 13 versions](#)

Intrusion prevention system design

X Zhang, C Li, W Zheng - Computer and Information Technology, 2004. CIT'04. ..., 2004 - [ieeexplore.ieee.org](#)
... together with the functions of **VLAN**, port **control** ... modifying the parameters and access
policies of firewall ... the network, such as IP **address**, **MAC address**, Port, is ...

[Cited by 25](#) - [Related articles](#) - [All 4 versions](#)

[PDF] ► Access **control** in an operator neutral public access network

M Hedenfalk - Proyecto Final de Carrera, Royal Institute of ..., 2002 - [islab.ssvi.kth.se](#)
... 21 3.1.1 Security **policy** 33 5.2.1 IP and **MAC address** spoofing List of
Figures 2.1 Physical vs. Logical network topology using **VLANs**

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AIP JNL AIP Journal

AVS JNL AVS Journal

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

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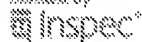
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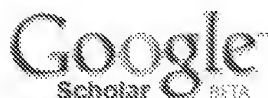
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[Network device for supporting construction of virtual local area networks on arbitrary local and ... - all 3 versions »](#)

L Jain, MT Ford - US Patent 6,047,325, 2000 - freepatentsonline.com

... generally is associated with only one **VLAN** and cannot be ... 20 may be encrypted and require **authentication** in order ... In step 136, the **MAC address** for the machine ...

[Cited by 23](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

[Using policies for effective network management - all 5 versions »](#)

MJ Wright - International Journal of Network Management, 1999 - portal.acm.org

... two categories: traffic-driven methods (**MAC**, IP, protocol ... If policies are used to establish **VLAN** connectivity, the ... use directory services to **authenticate** a user ...

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[A protection method against unauthorized access and addressspoofing for open network access systems - all 2 versions »](#)

H Ishibashi, N Yamai, K Abe, T Matsuura - Communications, Computers and signal Processing, 2001. ..., 2001 - [ieeexplore.ieee.org](#)

... After successful **authentication**, the LAN server transmi- the 3-tuple for C (**MAC address M**, IP **address I**, **VLAN ID** and the user's information to the ...

[Cited by 6](#) - [Related Articles](#) - [Web Search](#)

[Wireless LAN Security - all 2 versions »](#)

M Andress - Information Systems Security, 2002 - informaworld.com

... distribute a list of valid **MAC** addresses to ... nets have gateways that require **authentication before** packets can be ... nets can be created with **VLAN** technology using ...

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[\[PDF\] Authentication and Authorization: The Big Picture with IEEE 802.1 X - all 3 versions »](#)

AA Fisher - Online: http://r.sans.org/authentic/IEEE_8021X.php, 2001 - sans.org

... TLS - Transport Level Security **VLAN** - Virtual LAN - the ability ... is a typical 802.1X **authentication** criterion ... a.) **MAC address** b.) IP **address** c.) Switch Port ...

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[Secure wireless Internet access in public places - all 13 versions »](#)

P Bahl, S Venkatachary, A Balachandran - Communications, 2001. ICC 2001. IEEE International ..., 2001 - [ieeexplore.ieee.org](#)

... design does protect against **MAC-address** spoofing ... Implementing EAP-based **authentication** requires specialized hardware in ... on a "non-connected" **VLAN** until the ...

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[Secure virtual LANs - all 6 versions »](#)

WWA Gage, M Woliensak, L Himbeault - US Patent 6,035,405, 2000 - freepatentsonline.com

... join a **VLAN** with little or no **authentication** by the ... Membership in a **VLAN** can be defined by user name ... end station media access control (**MAC**) **address** or Internet ...

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[Biometric authenticated vlan - all 3 versions »](#)

M Kuwata, K Okamura, T Oasa - EP Patent 1,244,273, 2002 - freepatentsonline.com
... may be an IP **address** or a reserved media access control (**MAC**) **address**. FIG. ... information from the host 12 and **authenticating** the user to a particular **VLAN**. ...

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[Multicast-enabled **address** resolution protocol \(ME-ARP\) - all 8 versions »](#)

M Wiget, R Pluim, SD Bryden, G Mattson - US Patent 6,640,251, 2003 - freepatentsonline.com
... EP0812086, **Vlan** control system and method. ... we have shown an IPsec AH encapsulation (with **authentication**). ... for end station B and the **MAC address** containing the ...

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[IEEE standard 802.16: a technical overview of theWirelessMAN TM air interface for broadband ... - all 10 versions »](#)

C Eklund, RB Marks, KL Stanwood, S Wang - Communications Magazine, IEEE, 2002 - ieeexplore.ieee.org
... Fixed Broadband Wireless Access Systems") to **address** 10—66 ... specifics of the 802.16a amendment **prior** to its ... **MAC** PDU which has started in previous TC P00 ...
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